

CR4250 Performance Branch Router

Solution: NetCloud Service for Branch ■ **Application:** Restaurants/Retail, Medium Branches

The Cradlepoint CR4250 Branch Performance Router is designed for mid-sized branches and businesses with expanded performance and connectivity needs. It intelligently manages WAN connectivity for a highly available “connected experience” at the edge.

With the CR4250’s high-performance processor, available 8-port PoE, and dual SFP+ ports, the CR4250 offers flexible WAN deployment for med-sized branch offices and businesses. When combined with Cradlepoint AP22 WiFi Access Points and the Cradlepoint CBA850 LTE Adapter, the CR4250 solution offers single-pane-of-glass management for the entire branch site.

Cradlepoint CR4250 is sold with the NetCloud Essentials Plan, an all-inclusive networking service package comprised of services, hardware, and support.

The NetCloud Service for Branches include:

- NetCloud management & control service with branch-specific capabilities
- Customer choice of purpose-built hardware
- 24x7 support & limited lifetime warranty
- Option to purchase add-on plans for Advanced functionality

Key Features

- High-performance processor to easily handle branch workloads while providing advanced features.
- 8 PoE+ Gigabit Ethernet ports & 2 SFP+ ports supporting up to 10 Gbps
- Single-pane-of-glass management for routers & optional Cradlepoint LTE adapters & WiFi access points
- Application-aware traffic analytics, firewall & QoS
- Zero-touch deployment without on-site IT staff
- Intelligent SD-WAN to ensure optimal application performance & uptime
- Unified edge security for secure Internet access & protection for on-site users & devices
- Advanced IoT support to securely connect branch IoT devices

NetCloud Features

- Cloud-managed for ease of deployment, remote management & reporting
- Includes NetCloud Perimeter for reliable IoT network security



Benefits

Increase Network Availability

- Multi-WAN for reliability & bandwidth
- Application-aware policies for intelligent WAN selection & optimization
- Integrates with Cradlepoint LTE adapters to ensure connectivity anywhere
- Monitor uptime with real-time alerts

Deploy & Scale Quickly

- Includes NetCloud Manager to increase speed of deployment with “zero-touch” configuration
- Manage, monitor & troubleshoot remotely

Secure & Protect

- Advanced security, VPN & stateful firewall to protect sensitive data
- Cloud-managed security & content filtering (CIPA compliant)
- Integral part of PCI-compliant networks
- Create encrypted & perimeter-secured overlays that protect branch IoT devices & isolate them from other networks

Extend & Customize

- Router SDK: Support unique applications with custom scripts running on the router
- NetCloud API: Utilize router data while maintaining single-pane-of-glass network management

Quick Specs

Ports (LAN / WAN switchable)	8 GigE ports & 2 SFP+ ports
PoE	Up to 8 ports with PoE SKU
Processor	2.2 GHz x86 quad core
Memory	8 GB DDR4 ECC / 16 GB eMMC
Ruggedized	No
Housing	Metal
Operating Temperature	0°C to 40°C (32°F to 104°F)
Supports LTE-Advanced	Optional with CBA850
WiFi (Dual-band a/b/g/n/ac)	Optional with AP22
Management	Cloud-based application-aware
SD-WAN & Virtual Cloud Networking	Yes

The CR4250 can be packaged with the following plans:

Service Plan	Part Numbers
North America: NetCloud Essentials for Branch (NA)	BDx-425P-OON
Europe: NetCloud Essentials for Branch (EU) NetCloud Essentials for Branch (UK)	BDx-425P-OOE BDx-425P-OOU
Asia-Pacific: NetCloud Essentials for Branch (AU)	BDx-425P-OOP
All Regions: NetCloud Advanced Upgrade for Branch	BDx-NCADV

x = 1, 3, or 5 years

Comprehensive 24x7 Support & Limited Lifetime Warranty

Cradlepoint’s all-inclusive NetCloud Service Plan includes limited lifetime hardware warranty and global 24x7 enterprise-class support (phone support: 24-hour weekdays with emergency response on weekends; web: 24x7, chat: 24x5). With comprehensive support and warranty, Cradlepoint solutions are designed to keep networks secure, problem-free, and operationally efficient. Learn more at cradlepoint.com/support-services

[Learn more at cradlepoint.com/cr4520](http://cradlepoint.com/cr4520)

